L	Hits	Search Text	DB	Time stamp
Number 1	1403	(403/274,279,282,245).CCLS.	USPAT;	2004/01/12
			US-PGPUB	13:34
2	1832	(29/521,524,897,897.3,897.35,897.33,897.31	, USPAT12).CC	123004/01/12 13:34
3	820	(52/731.2,731.6,735.1,309.13).CCLs.	USPAT; US-PGPUB	2004/01/12 13:35
4	220	(280/800).CCLS.	USPAT;	2004/01/12
5	178	(105/416).CCLS.	US-PGPUB USPAT;	13:35 2004/01/12
6	3321	(222/1,173,185.1,382).CCLS.	US-PGPUB USPAT;	13:35 2004/01/12
7	143	(((403/274,279,282,245).CCLs.)	US-PGPUB USPAT;	13:35 2004/01/12
		((29/521,524,897,897.3,897.35,897.33,897.3 ((52/731.2,731.6,735.1,309.13).CCLS.) ((280/800).CCLS.) ((105/416).CCLS.) ((222/1,173,185.1,382).CCLS.)) and	1	(CII25:.3)6
_	4	@pä\$∋26080527or ("3854185") or	USPAT	2003/06/27
_	11	("0385642") or ("2321962")).PN. (("4356888") or ("3854185") or	USPAT;	17:27 2003/06/27
		("0385642") or ("2321962")).PN.	US-PGPUB; EPO; JPO; DERWENT; IBM TDB	16:52
_	9	("0991779" "2201193" "3022857" "3085651" "3085652" "3970400" "4080713" "4162861" "4204587").PN.	USPAT	2003/06/27 15:43
-	2	4356888.URPN.	USPAT	2003/06/27 15:44
_	3	("1382049" "3526420" "3730468").PN.	USPAT	2003/06/27
-	1	("D452014").PN.	USPAT; US-PGPUB;	2003/06/27 16:52
			EPO; JPO; DERWENT; IBM TDB	
-	3	("D343690" "4844420" "5050846").PN.	USPAT	2003/06/27 16:53
-	0	D452014.URPN.	USPAT	2003/06/27
_	0	D452014.URPN.	USPAT	2003/06/27
-	47	(29/524).CCLS.	USPAT; US-PGPUB; EPO; JPO;	2003/06/27 17:31
_	798	(29/521).CCLS.	DERWENT; IBM_TDB USPAT;	2003/06/27
			US-PGPUB; EPO; JPO; DERWENT;	18:21
-	47	(29/524).CCLS.	IBM_TDB USPAT; US-PGPUB;	2003/06/27 18:23
_	94	(29/518).CCLS.	EPO; JPO; DERWENT; IBM_TDB USPAT;	2003/06/27
	100	(20/F14), CCLC	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	18:24
_	160	(29/514).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/06/27 18:24
_	632	(29/513).CCLS.	IBM_TDB USPAT	2003/06/27 18:29

Search History 1/12/04 1:39:52 PM Page 1

-	639	(29/505).CCLS.	USPAT	2003/06/27 18:30
_	1225	(29/428).CCLS.	USPAT	2003/06/27 18:30
_	259	(29/897).CCLS.	USPAT	2003/06/27
_	228	(29/897.3).CCLS.	USPAT	2003/06/27 18:34
_	172	(29/897.35).CCLS.	USPAT	2003/06/27
-	132	(29/897.33).CCLS.	USPAT	2003/06/27 18:44
_	200	(29/897.31).CCLS.	USPAT	2003/06/27 18:45
_	118	(29/897.312).CCLS.	USPAT	2003/06/27 18:48
_	544	(403/274).CCLS.	USPAT	2003/06/27
_	181	(403/279).CCLS.	USPAT	2003/06/27 18:49
_	510	(403/282).CCLS.	USPAT	2003/06/27 18:50
_	239	(403/285).CCLS.	USPAT	2003/06/27
	5545	(("D452014").PN.) (("D343690" "4844420" "5050846").PN.) D452014.URPN. D452014.URPN. ((29/524).CCLS.) ((29/521).CCLS.) ((29/524).CCLS.) ((29/518).CCLS.) ((29/514).CCLS.) ((29/513).CCLS.) ((29/505).CCLS.) ((29/428).CCLS.) ((29/897).CCLS.) ((29/897.3).CCLS.) ((29/897.35).CCLS.) ((29/897.33).CCLS.) ((29/897.31).CCLS.) ((29/897.31).CCLS.) ((403/274).CCLS.)	USPAT	18:50 2003/06/27 18:52
_	204	((403/279).CCLS.) ((403/282).CCLS.) ((403/285).CCLS.) ((("D452014").PN.) (("D343690" "4844420" "5050846").PN.) D452014.URPN. D452014.URPN. ((29/524).CCLS.) ((29/521).CCLS.) ((29/524).CCLS.) ((29/518).CCLS.) ((29/514).CCLS.) ((29/513).CCLS.) ((29/505).CCLS.) ((29/428).CCLS.) ((29/897).CCLS.) ((29/897.3).CCLS.) ((29/897.35).CCLS.) ((29/897.33).CCLS.) ((29/897.31).CCLS.) ((29/897.312).CCLS.) ((403/274).CCLS.) ((403/279).CCLS.) ((403/282).CCLS.)	USPAT	2003/06/27 18:52
	232	((403/285).CCLS.)) and crimped ((("D452014").PN.) (("D343690" "4844420" "5050846").PN.) D452014.URPN. D452014.URPN. ((29/524).CCLS.) ((29/521).CCLS.) ((29/524).CCLS.) ((29/518).CCLS.) ((29/514).CCLS.) ((29/513).CCLS.) ((29/505).CCLS.) ((29/428).CCLS.) ((29/897).CCLS.) ((29/897.3).CCLS.) ((29/897.35).CCLS.) ((29/897.33).CCLS.) ((29/897.31).CCLS.) ((29/897.312).CCLS.) ((403/274).CCLS.) ((403/279).CCLS.) ((403/282).CCLS.) ((403/285).CCLS.)) and crimp\$2	USPAT	2003/06/27 18:56
-	839	crimp\$2 and sheet adj metal and bend	USPAT	2003/06/27
_	16	("D268786" "1895190" "1950223" "2752017" "3319389" "3355206" "3570198" "3848385" "4034531" "4047348" "4222210" "4422272" "4505083" "4542615" "4554718" "4852325").PN.	USPAT	19:00 2003/06/28 16:19
<u>-</u>	0	5279033.URPN.	USPAT	2003/06/28 16:20

	17	("0102441" "0425002" "3335524" "3872633" "3925953" "3967430" "4131980" "4160312" "4161811" "4267679" "4688366" "5074138"	USPAT	2003/06/28
_	14	"5228257" "5390466" "5424111" "5568714" "5720144").PN. ("2457148" "3082850" "3084401" "3160131" "3965632" "3979874" "4206578" "4462198" "4489529" "4679375" "4989387" "5592848" "5839246" "5979055").PN.	USPAT	2003/06/28 16:22
_	1	6041564.URPN.	USPAT	2003/06/28
-	17	3487518.URPN.	USPAT	2003/06/28
-	21	3420032.URPN.	USPAT	16:23 2003/06/28 16:24
-	4	5442885.URPN.	USPAT	2003/06/28
_	0	2129624.URPN.	USPAT	2003/06/28
_	2	2129625.URPN.	USPAT	2003/06/28
-	5	2115441.URPN.	USPAT	2003/06/28
_	10	2125692.URPN.	USPAT	2003/06/28 16:29
_	12	("2657153" "2805448" "2850890" "3487518" "3654018" "3753849" "3778949" "3984266" "4019301"	USPAT	2003/06/28
-	8	"4177306" "4242406" "4327536").PN. 4630419.URPN.	USPAT	2003/06/28
-	15	("1658831" "1818121" "3300839" "3570208" "4070845" "4129974" "4251973" "4576849" "4630419" "4734146" "4937998" "5042395" "5112422" "5152112" "5325647").PN.	USPAT	16:33 2003/06/28 16:34
_	3	5507522.URPN.	USPAT	2003/06/28 16:35
-	9	("3164713" "3420032" "3443732" "3694990" "3779444" "3780420" "3840719" "3970232" "4041270").PN.	USPAT	2003/06/28 16:39
_	1	4807797.URPN.	USPAT	2003/06/28
-	218	(280/800).CCLS.	USPAT	2003/06/28
_	11	2818272.URPN.	USPAT	2003/06/28
_	10	2125692.URPN.	USPAT	2003/06/28 17:00
	172	(29/897.35).CCLs.	USPAT	2003/06/28
-	178	(105/416).CCLS.	USPAT	2003/06/28 17:06
-	11	2082792.URPN.	USPAT	2003/06/28 17:04
_	283	(52/731.2).CCLS.	USPAT	2003/06/28 17:13
_	9	1997876.URPN.	USPAT	2003/06/28 17:08
-	6	799320.URPN.	USPAT	2003/06/28 17:10
-	12	742549.URPN.	USPAT	2003/06/28 17:11
-	13	Sheet adj metal with rolled adj edges	USPAT	2003/06/28
-	1	4779313.URPN.	USPAT	2003/06/28
-	1	4779313.URPN.	USPAT	2003/06/28

_	12	("2275127" "2425025" "3064724"	USPAT	2003/06/28
		"3145439" "3202291" "3389526"		17:14
		"3466709" "3809799" "4119285"		
		"4312165" "4424612" "4480360").PN.		
l _	94	Sheet adj metal and rolled adj edges	USPAT	2003/06/28
				17:20
_	181	Sheet adj metal and roll\$3 adj edges	USPAT	2003/06/28
	101	blicee day meedl and lollys day eages	001111	17:25
	87	(Sheet adj metal and roll\$3 adj edges)	USPAT	2003/06/28
		not (Sheet adj metal and rolled adj	OSTAL	17:20
		edges)		17.20
	18		USPAT	2003/06/28
_	1 40	("0374232" "0758866" "1530074"	USPAI	1
		"1803797" "2321836" "2366529"		17:23
		"2466323" "2549207" "2785836"		
		"3035737" "3279619" "3814293"		
		"3819138" "4114782" "4515334"		+
		"4722463" "4928860" "4972973").PN.		
-	9	5238146.URPN.	USPAT	2003/06/28
				17:24
] -	130	Sheet adj metal and roll\$3 adj seam	USPAT	2003/06/28
			,	17:33
-	14	("0636339" "0657000" "0782141"	USPAT	2003/06/28
		"1607923" "1706910" "2362846"		17:27
		"2382378" "2412528" "2424188"		İ
		"3151767" "3152717" "3367533"		
		"3385249" "3618817").PN.		
_	5	3151767.URPN.	USPAT	2003/06/28
			"	17:29
_	8	4055271.URPN.	USPAT	2003/06/28
		1000271.0001	OSINI	17:29
1_	9	3367533.URPN.	USPAT	2003/06/28
-		3307333.0KFN.	OSPAI	1 ' '
	22	/choot add motal and malles add	110000	17:32
-	22	(Sheet adj metal and roll\$3 adj seam) and	USPAT	2003/06/28
	_	(structural adj member beam)		17:57
_	5	(roll adj seam\$3).ti.	USPAT	2003/06/28
				17:58
-	197	roll adj seam\$3	USPAT	2003/06/28
				17:58
-	8	("1389900" "2169395" "2197439"	USPAT	2003/06/28
		"2337452" "2460296" "3160312"		18:04
		"3425381" "3736893").PN.		
	1	4543025.URPN.	USPAT	2003/06/28
				18:04

			1	77
-	67	(US-4356888-\$ or US-2054703-\$ or	USPAT	2003/06/28
		US-4133566-\$ or US-3094197-\$ or		18:06
		US-5279033-\$ or US-4554718-\$ or		
		US-2434731-\$ or US-5860265-\$ or		
		US-6205740-\$ or US-6041564-\$ or		
		US-5098011-\$ or US-4129974-\$ or		
		US-RE21921-\$ or US-2185384-\$ or		
		US-2122698-\$ or US-2092472-\$ or		
		US-2098676-\$ or US-1623939-\$ or		
		US-4240765-\$ or US-4185439-\$ or		
		US-6435211-\$ or US-6412519-\$ or		
		US-5688095-\$ or US-5695352-\$ or		
		US-5526628-\$ or US-5454588-\$).did. or		
		(US-5245811-\$ or US-5175975-\$ or		
		US-5027968-\$ or US-5004192-\$ or		
		US-RE33566-\$ or US-4982487-\$ or	1	
		US-4852325-\$ or US-4483112-\$ or		1
		US-4452564-\$ or US-4223503-\$ or		
		US-4193247-\$ or US-4097632-\$ or		
		US-4089145-\$ or US-3355206-\$ or		
		US-5979055-\$ or US-4630419-\$ or		
		US-4434599-\$ or US-5442885-\$ or		
		US-4807797-\$ or US-5881508-\$ or		1
		US-5487219-\$ or US-5507522-\$ or		
		US-6299210-\$ or US-2050945-\$ or		`
		US-4779313-\$ or US-3916521-\$ or		
		US-5238146-\$).did. or (US-4055271-\$ or		
		US-2412528-\$ or US-4399840-\$ or		
		US-4055133-\$ or US-4948006-\$ or		
		US-4705184-\$ or US-4574607-\$ or		
		US-4543025-\$ or US-4263860-\$ or		
		US-3736893-\$ or US-3425381-\$ or	1 .	
		US-3160312-\$ or US-2337452-\$ or		
	11	US-2169395-\$).did.	HEOGE	2003/06/20
-	11	, , , , , , , , , , , , , , , , , , , ,	USOCR	2003/06/28
		US-2129624-\$ or US-2129625-\$ or		18:06
		US-2115441-\$ or US-2125692-\$ or		
		US-2818272-\$ or US-1997876-\$ or		
		US-0799320-\$ or US-3367533-\$ or		
		US-3151767-\$).did.		

	22	((US-4356888-\$ or US-2054703-\$ or	USPAT	2003/06/28
		US-4133566-\$ or US-3094197-\$ or		18:11
	1	US-5279033-\$ or US-4554718-\$ or		
	İ	US-2434731-\$ or US-5860265-\$ or US-6205740-\$ or US-6041564-\$ or		
		US-5098011-\$ or US-4129974-\$ or		
		US-RE21921-\$ or US-2185384-\$ or		
		US-2122698-\$ or US-2092472-\$ or		
		US-2098676-\$ or US-1623939-\$ or		
		US-4240765-\$ or US-4185439-\$ or		
		US-6435211-\$ or US-6412519-\$ or		
}		US-5688095-\$ or US-5695352-\$ or		
		US-5526628-\$ or US-5454588-\$).did. or		1
		(US-5245811-\$ or US-5175975-\$ or		
	-	US-5027968-\$ or US-5004192-\$ or		
		US-RE33566-\$ or US-4982487-\$ or		
		US-4852325-\$ or US-4483112-\$ or		
		US-4452564-\$ or US-4223503-\$ or		
		US-4193247-\$ or US-4097632-\$ or US-4089145-\$ or US-3355206-\$ or		
1		US-5979055-\$ or US-4630419-\$ or		İ
		US-4434599-\$ or US-5442885-\$ or	1	
		US-4807797-\$ or US-5881508-\$ or		
1		US-5487219-\$ or US-5507522-\$ or		
		US-6299210-\$ or US-2050945-\$ or		
1		US-4779313-\$ or US-3916521-\$ or		
1		US-5238146-\$).did. or (US-4055271-\$ or		
1		US-2412528-\$ or US-4399840-\$ or		
	ļ	US-4055133-\$ or US-4948006-\$ or		
	1	US-4705184-\$ or US-4574607-\$ or		
		US-4543025-\$ or US-4263860-\$ or US-3736893-\$ or US-3425381-\$ or		1
		US-3160312-\$ or US-2337452-\$ or		
,		US-2169395-\$).did.) and crimp\$3		
_	1	imbicat\$4	USPAT	2003/06/28
	_		001111	20:31
-	0	HEL same steel same crimp\$3	USPAT;	2004/01/06
		• •	US-PGPUB	11:38
-	11	HEL same steel	USPAT;	2004/01/06
			US-PGPUB	11:51
-	3	("3998778" "4386188" "4722957").PN.	USPAT	2004/01/06
		(#0167133#) 722		11:41
-	1	("0165133").PN.	USPAT;	2004/01/06
l _	5268	steel same crimp\$3	US-PGPUB	11:42
	3200	steel same Climpys	USPAT;	2004/01/06
_	29	steel same crimp\$3 and high near elastic	US-PGPUB USPAT;	11:55 2004/01/06
		and army and might make classific	US-PGPUB	11:57
-	102	steel same crimp\$3 and elastic adj limit	USPAT;	2004/01/06
		<u>,</u> ,	US-PGPUB	11:58
-	39	steel same crimp\$3 and elastic adj limit	USPAT;	2004/01/06
		and sheet	US-PGPUB	11:58
~	39	steel same crimp\$3 and elastic adj limit	USPAT;	2004/01/06
_		and sheet\$1	US-PGPUB	12:03
-	588	sheet\$1 same crimp\$3 same steel	USPAT;	2004/01/06
_	2372	 sheet\$1 same crimp\$3 same steel (high adj	US-PGPUB	12:04
	23/2	sneet; same crimp; same steel (high adj (elastic adj limit yield adj (strength	USPAT; US-PGPUB	2004/01/06 12:11
		(erastic adj fimit yleid adj (strength stress)))	US-FGFUD	12:11
_	1	sheet\$1 same crimp\$3 same steel same(high	USPAT;	2004/01/06
1		adj (elastic adj limit yield adj	US-PGPUB	12:13
		(strength stress)))		
-	4	sheet\$1 same crimp\$3 and steel same(high	USPAT;	2004/01/06
		adj (elastic adj limit yield adj	US-PGPUB	12:15
		(strength stress)))		
-	0	sheet\$1 same crimp\$3 and steel	USPAT;	2004/01/06
		same((atleast at adj least) near (elastic	US-PGPUB	12:16
_	1000	adj limit yield adj (strength stress)))		
_	1200	crimp\$3 and ((elastic adj limit) (yield	USPAT;	2004/01/06
_	296	<pre>adj (strength stress))) crimp\$3 and high same((elastic adj limit)</pre>	US-PGPUB	12:18
1	290	(yield adj (strength stress)))	USPAT; US-PGPUB	2004/01/06 12:42
		I TYLCIG AGI TOCLEHGUH OLLESSII)	. U3-PGPUB	1 12:42

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-	82	stainless same steel same 17-7ph	USPAT;	2004/01/06
			US-PGPUB	12:43
-	44	stainless same steel same 17-7ph and	USPAT;	2004/01/06
		(crimp\$3 bend\$3 fold\$3)	US-PGPUB	12:49
-	23	stainless same steel same 440A and	USPAT;	2004/01/06
	421	(crimp\$3 bend\$3 fold\$3)	US-PGPUB	12:51
_	431	("4140" "4340") same steel and (crimp\$3	USPAT;	2004/01/06
	150	bend\$3 fold\$3)	US-PGPUB	12:51
_	150	("4140" "4340")same steel and (crimp\$3	USPAT;	2004/01/06
	4.0	[fold\$3]	US-PGPUB	12:56
_	49	("4140" "4340") same steel and sheet\$1 and	USPAT;	2004/01/06
	7,	(crimp\$3 fold\$3)	US-PGPUB	12:56
_	71	(US-4133566-\$ or US-5279033-\$ or	USPAT;	2004/01/06
		US-4554718-\$ or US-2434731-\$ or	US-PGPUB	12:57
		US-3094197-\$ or US-4356888-\$ or		
		US-5487219-\$ or US-2054703-\$ or		
		US-5979055-\$ or US-5860265-\$ or		
		US-6205740-\$ or US-6041564-\$ or		
		US-5098011-\$ or US-4129974-\$ or US-RE21921-\$ or US-2185384-\$ or		
		US-2122698-\$ or US-2098676-\$ or		
		US-2092472-\$ or US-1623939-\$ or	,	
		US-5442885-\$ or US-4240765-\$ or		
		US-4185439-\$ or US-6435211-\$ or		
		US-6412519-\$ or US-5695352-\$).did. or		
		(US-5688095-\$ or US-5526628-\$ or		
		US-5454588-\$ or US-5245811-\$ or		
		US-5175975-\$ or US-5027968-\$ or		
		US-RE33566-\$ or US-5004192-\$ or		
		US-4982487-\$ or US-4852325-\$ or		
		US-4483112-\$ or US-4452564-\$ or		
		US-4223503-\$ or US-4193247-\$ or		
		US-4097632-\$ or US-4089145-\$ or		
		US-3355206-\$ or US-4630419-\$ or]
		US-4434599-\$ or US-4807797-\$ or		1
		US-5881508-\$ or US-5507522-\$ or		
		US-6299210-\$ or US-2050945-\$ or		
		US-4779313-\$ or US-3916521-\$ or		
		US-5238146-\$).did. or (US-4055271-\$ or		
		US-4055133-\$ or US-2412528-\$ or		
		US-4399840-\$ or US-4948006-\$ or		
		US-4705184-\$ or US-4574607-\$ or		
		US-4543025-\$ or US-4263860-\$ or		
		US-3736893-\$ or US-3160312-\$ or		
		US-3425381-\$ or US-2337452-\$ or		
		US-2169395-\$ or US-6475308-\$ or		
		US-4833903-\$ or US-5982085-\$).did. or		
		(US-20020053178-\$).did.		
-	11	(US-3487518-\$ or US-3420032-\$ or	USOCR	2004/01/06
		US-2129625-\$ or US-2125692-\$ or		12:57
		US-2129624-\$ or US-2115441-\$ or		
		US-2818272-\$ or US-1997876-\$ or		
		US-0799320-\$ or US-3367533-\$ or		
		US-3151767-\$).did.		

-	2	((US-4133566-\$ or US-5279033-\$ or	USPAT;	2004/01/06
		US-4554718-\$ or US-2434731-\$ or	US-PGPUB	13:11
		US-3094197-\$ or US-4356888-\$ or]
		US-5487219-\$ or US-2054703-\$ or US-5979055-\$ or US-5860265-\$ or		
į		US-6205740-\$ or US-6041564-\$ or		
		US-5098011-\$ or US-4129974-\$ or		
		US-RE21921-\$ or US-2185384-\$ or		
		US-2122698-\$ or US-2098676-\$ or		
		US-2092472-\$ or US-1623939-\$ or		
		US-5442885-\$ or US-4240765-\$ or		
		US-4185439-\$ or US-6435211-\$ or		
		US-6412519-\$ or US-5695352-\$).did. or		
		(US-5688095-\$ or US-5526628-\$ or	1	
		US-5454588-\$ or US-5245811-\$ or		
		US-5175975-\$ or US-5027968-\$ or		
İ		US-RE33566-\$ or US-5004192-\$ or	1	
		US-4982487-\$ or US-4852325-\$ or		
		US-4483112-\$ or US-4452564-\$ or		
		US-4223503-\$ or US-4193247-\$ or	1	
		US-4097632-\$ or US-4089145-\$ or	1	
		US-3355206-\$ or US-4630419-\$ or		
		US-4434599-\$ or US-4807797-\$ or		
		US-5881508-\$ or US-5507522-\$ or		
		US-6299210-\$ or US-2050945-\$ or	1	
		US-4779313-\$ or US-3916521-\$ or		
		US-5238146-\$).did. or (US-4055271-\$ or		
		US-4055133-\$ or US-2412528-\$ or US-4399840-\$ or US-4948006-\$ or	1	
		US-4705184-\$ or US-4574607-\$ or		
		US-4543025-\$ or US-4263860-\$ or		
		US-3736893-\$ or US-3160312-\$ or		
		US-3425381-\$ or US-2337452-\$ or		
		US-2169395-\$ or US-6475308-\$ or		
		US-4833903-\$ or US-5982085-\$).did. or	1	
		(US-20020053178-\$).did.) and ((("4140" or		
		"4340" or "440A" or "17-7ph") same steel)		
		or (("T3" or "T351" or "T6" or "T651")		
		same ("2024" or "6061" or "7075") same	i	1
		aluminum))		
-	241	(crimp\$3 fold\$3) and (joint connection)	USPAT;	2004/01/06
		and ((("4140" or "4340" or "440A" or	US-PGPUB	13:42
		"17-7ph") same steel) or (("T3" or "T351"]
		or "T6" or "T651") same ("2024" or "6061"		į
	430	or "7075") same aluminum))	Habar	2004/01/06
-	438	(crimp\$3 fold\$3) and ((("4140" or "4340"		2004/01/06
		or "440A" or "17-7ph") same steel) or (("T3" or "T351" or "T6" or "T651") same	US-PGPUB	13:13
		("2024" or "6061" or "7075") same		
		aluminum))		
-	152	(crimp\$3 fold\$3) and sheet and ((("4140"	USPAT;	2004/01/06
		or "4340" or "440A" or "17-7ph") same	US-PGPUB	13:14
		steel) or (("T3" or "T351" or "T6" or		
		"T651") same ("2024" or "6061" or "7075")		
		same aluminum))		
-	164	(crimp\$3 fold\$3) and sheet\$1 and	USPAT;	2004/01/06
ļ		((("4140" or "4340" or "440A" or	US-PGPUB	13:21
		"17-7ph") same steel) or (("T3" or "T351"		
		or "T6" or "T651") same ("2024" or "6061"		
	99	or "7075") same aluminum))	HCDAE -	2004/01/06
	99	(crimp\$3) and (plate\$3 sheet\$1) and ((("4140" or "4340" or "440A" or	USPAT;	2004/01/06
		"17-7ph") same steel) or (("T3" or "T351"	US-PGPUB	13:36
		or "T6" or "T651") same ("2024" or "6061"		
		or "7075") same aluminum))		
_	2	(crimp\$3 fold\$3) near (joint) and(plate\$3	USPAT;	2004/01/06
]	sheet\$1) and ((("4140" or "4340" or	US-PGPUB	15:23
		"440A" or "17-7ph") same steel) or (("T3"		
1		or "T351" or "T6" or "T651") same ("2024"		
	<u></u>	or "6061" or "7075") same aluminum))		

-	3	catalytic adj converter and ((("4140" or	USPAT;	2004/01/06
		"4340" or "440A" or "17-7ph") same steel)	US-PGPUB	13:41
+		or (("T3" or "T351" or "T6" or "T651")		
1		same ("2024" or "6061" or "7075") same	1	
		aluminum)) catalytic adj converter and (("4140" or	USPAT;	2004/01/06
-	1	"4340" or "440A" or "17-7ph") same steel)	USPAT; US-PGPUB	2004/01/06 13:41
_	0	catalytic adj converter and yeild adj	USPAT;	2004/01/06
		(strength stress)	US-PGPUB	13:42
_	361	(crimp\$3 fold\$3) and (joint connection)	USPAT;	2004/01/06
		and (HEL)	US-PGPUB	13:43
_	155	(crimp\$3 fold\$3) and (joint connection)	USPAT;	2004/01/06
		and (HEL) and steel	US-PGPUB	13:44
-	152	(crimp\$3 fold\$3) and (joint connection)	USPAT;	2004/01/06
	_	and (HEL) and steel not protien	US-PGPUB	13:45
-	6	(crimp\$3 fold\$3) and (joint connection)	USPAT;	2004/01/06
		and (HEL) and steel not protein\$1	US-PGPUB	13:45
_	8	(crimp\$3 fold\$3) and container\$1	USPAT;	2004/01/06
		and(plate\$3 sheet\$1) and (("4140" or "4340" or "440A" or "17-7ph") same steel)	US-PGPUB	15:57
_	4	crimp\$3 same steel same ("4140" "4340"	USPAT;	2004/01/09
		"440A" "17-7ph")	USPAT; US-PGPUB	13:31
-	7	("3185595" "3754997" "4374909"	USPAT	2004/01/09
}	'	"4419420" "4452062" "4725512"		13:26
		"4931368").PN.		
-	6	crimp\$3 same steel same (high near yield	USPAT;	2004/01/09
		adj (stress strength))	US-PGPUB	13:52
-	11	crimp\$3 same steel same hem\$3	USPAT;	2004/01/09
			US-PGPUB	13:37
-	2	("3102831" "3257200").PN.	USPAT	2004/01/09
	_	25 C1 C20 AND DA		13:49
-	1	3561638.URPN.	USPAT	2004/01/09
_	63	crimp\$3 same stool same (dwim\$1 beas\$1)	HCDAM.	13:49
	03	crimp\$3 same steel same (drum\$1 keg\$1)	USPAT; US-PGPUB	2004/01/09 13:56
_	14	steel same (elastic near limit yield near	USPAT;	2004/01/09
	- '	(strength stress)) and crimp\$3 and	US-PGPUB	14:00
		(drum\$1 keg\$1)		
-	94	steel same (elastic near limit yield near	USPAT;	2004/01/09
		(strength stress)) and crimp\$3 and	US-PGPUB	14:01
		(seam\$1 joint\$1 hem\$1)		
-	42	steel same (elastic near limit yield near	USPAT;	2004/01/09
		(strength stress)) and crimp\$3 same	US-PGPUB	15:04
1_	1	(seam\$1 joint\$1 hem\$1)	Henam.	2004/01/00
-		("5383346").PN.	USPAT;	2004/01/09
_	383	tempered same steel same sheet\$1	US-PGPUB USPAT;	15:33
		Toumpored banne breef banne briefely 1	US-PGPUB	15:35
-	204	tempered same steel same sheet\$1 and	USPAT;	2004/01/09
		(crimp\$3 bend\$3 fold\$3)	US-PGPUB	15:37
-	40	tempered same steel same sheet\$1 and	USPAT;	2004/01/09
		((elastic adj limit) (yield adj(stress	US-PGPUB	15:41
	_	strength)))		
-	34	"1000 MPa" same steel and ((elastic adj	USPAT;	2004/01/09
		limit) (yield adj(stress strength)))	US-PGPUB	18:49
-	120	"17-7ph"	USPAT;	2004/01/09
_	19	"440a" and tempered	US-PGPUB	16:13
	19	110a and tempered	USPAT; US-PGPUB	2004/01/09 16:15
_	1001	stainless adj steel same tempered	USPAT;	2004/01/09
1	-,,,,	a same competed	US-PGPUB	16:15
-	226	stainless adj steel same tempered same	USPAT;	2004/01/09
		(bent bend\$3 roll\$3 fold\$3)	US-PGPUB	16:16
-	2881	punch.ti.	USPAT;	2004/01/09
			US-PGPUB	18:49
~	365	punch.ti. and steel	USPAT;	2004/01/09
			US-PGPUB	18:50
-	27	punch.ti. and steel and (crimp\$3 fold\$3	USPAT;	2004/01/09
_	194	hem seam) punch.ti. and sheet adj metal	US-PGPUB	18:52
	1,54	panenter. and sheet adj metal	USPAT; US-PGPUB	2004/01/09 18:57
	L	<u> </u>	100 EGE 0D	1 -0.07

_	1	punch.ti. and sheet adj metal and crush\$3	USPAT;	2004/01/09
1			US-PGPUB	18:58
_	28	hand adj punch.ti.	USPAT;	2004/01/09
			US-PGPUB	19:00
_	1	2069231.URPN.	USPAT	2004/01/09
				18:59
-	3	pin adj punch.ti.	USPAT;	2004/01/09
			US-PGPUB	19:01
-	8	("1761207" "2285956" "2365425"	USPAT	2004/01/09
		"2484027" "2815692" "2869883"		19:01
		"3099876" "3349652").PN.		
_	28	punch.ti. and indentation	USPAT;	2004/01/09
			US-PGPUB	19:02
-	2	punch.ti. and indentation\$1 .ti.	USPAT;	2004/01/09
			US-PGPUB	19:02
-	50	punch.ti. and indentation\$1	USPAT;	2004/01/09
			US-PGPUB	19:05
-	13	roll adj pin .ti.	USPAT;	2004/01/09
			US-PGPUB	19:06
-	28	punch .ti. and indentation	USPAT;	2004/01/09
]			US-PGPUB	19:06
-	28	punch .ti. and indentation	USPAT;	2004/01/09
			US-PGPUB	19:08
-	81	punch and crush\$3 same (hem seam fold	USPAT;	2004/01/09
		joint)	US-PGPUB	19:08
-	36	P	USPAT;	2004/01/09
		joint)	US-PGPUB	19:09
-	0	roll adj pin and crush\$3 with (hem seam	USPAT;	2004/01/09
		fold joint)	US-PGPUB	19:09
-	0	pin adj punch and crush\$3 with (hem seam	USPAT;	2004/01/09
		fold joint)	US-PGPUB	19:10
-	206	pin adj punch	USPAT;	2004/01/09
			US-PGPUB	19:10
_	4	roll adj pin adj punch	USPAT;	2004/01/09
			US-PGPUB	19:10